

Strength in Unity

Gazprom in Figures 2018–2022 Factbook

Gazprom in Figures 2018–2022

Factbook

Gazprom in Figures 2018–2022 Factbook contains information and statistics prepared for the Annual General Shareholders Meeting of PJSC Gazprom in 2023. The Factbook is based on PJSC Gazprom's corporate reports and information derived from Russian and foreign information publications.

The term "PJSC Gazprom" as used in this Factbook refers to the parent company of Gazprom Group, i.e. to Public Joint Stock Company Gazprom.

The terms "Gazprom Group", the "Group" or "Gazprom" mean an aggregate of entities which includes PJSC Gazprom and its subsidiaries. For the purposes of this Factbook, the lists of Gazprom Group subsidiaries, associates and joint ventures as well as entities in which Gazprom has investments classified as joint operations were prepared based on the principles used in the preparation of Gazprom Group's IFRS consolidated financial statements. Similarly, the term "Gazprom Neft" refers to PAO Gazprom Neft and its subsidiaries; "Gazprom mezhhregiongaz" refers to OOO Gazprom mezhhregiongaz and its subsidiaries; "Gazprom energoholding" refers to OOO Gazprom energoholding and its subsidiaries; and "Gazprom neftekhim Salavat" refers to OOO Gazprom neftekhim Salavat and its subsidiaries.

Gazprom's results stated in the Factbook are generally presented in compliance with the principles for preparing Gazprom Group's consolidated financial statements in accordance with IFRS (the "IFRS consolidated financial statements") and/or for the aggregate of Gazprom Group entities for the purposes of Gazprom Group's IFRS consolidated financial statements. In accordance with IFRS 11 Joint Arrangements, hydrocarbon reserves as well as production and processing/refining volumes presented in the Factbook include Gazprom Group's share in the results of entities in which Gazprom has investments classified as joint operations.

Some performance metrics of PJSC Gazprom and its subsidiaries are based on management reporting. Metrics calculated using these methods might not be comparable between each other due to differences in the methodologies used for maintaining management reporting.

The Group uses metric units in its management reporting. Metrics shown in barrels of oil equivalent (boe) were calculated using the specified conversion ratios.

The Group's financial indicators are derived from Gazprom Group's IFRS consolidated financial statements.

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Financial Results

Gazprom Group's key financial results and ratios

	As at and for the year ended 31 December				
	2018	2019	2020	2021	2022
Statement of comprehensive income figures					
Sales, RUB million	8,224,177	7,659,623	6,321,559	10,241,353	11,673,950
Operating expenses, RUB million	6,181,191	6,387,071	5,665,762	7,681,410	9,307,030
Operating profit, RUB million	1,930,030	1,119,857	614,851	2,411,261	1,935,159
Adjusted EBITDA, RUB million	2,599,284	1,859,679	1,466,541	3,686,890	3,637,555
Profit for the year, RUB million	1,528,996	1,269,517	162,407	2,159,086	1,311,645
Profit for the year attributable to the owners of PJSC Gazprom, RUB million	1,456,270	1,202,887	135,341	2,093,071	1,225,807
Basic and diluted earnings per share attributable to the owners of PJSC Gazprom, RUB	65.89	53.47	5.66	88.07	51.11
Balance sheet figures					
Assets, RUB million	20,810,440	21,882,348	23,352,185	27,047,230	26,128,929
Current assets, RUB million	4,212,230	3,828,153	3,774,289	6,214,283	4,620,117
Inventories, RUB million	909,677	946,361	971,789	1,009,323	1,056,523
Current liabilities, RUB million	2,473,695	2,527,476	2,626,964	4,022,945	2,900,860
Total debt, RUB million	3,863,822	3,863,904	4,907,614	4,883,702	5,065,861
Net debt, RUB million	3,014,403	3,167,847	3,872,695	2,869,779	3,908,274
Equity, excluding non-controlling interest, RUB million	13,300,009	14,104,833	14,237,943	16,251,519	15,749,697
Equity, including non-controlling interest, RUB million	13,776,153	14,615,687	14,804,732	16,866,579	16,445,845
Capital expenditures,* RUB million	1,795,884	1,818,677	1,494,185	2,164,721	2,841,822
Statement of cash flow figures					
Net cash from operating activities, RUB million	1,617,384	1,709,384	1,918,891	3,015,390	2,192,682
Capital expenditures, RUB million	(1,639,474)	(1,775,923)	(1,522,565)	(1,933,766)	(2,191,642)
Net cash used in investing activities, RUB million	(1,617,718)	(1,938,109)	(1,545,602)	(1,830,437)	(2,136,970)
Net cash (used in) from financing activities, RUB million	(96,070)	152,375	(106,421)	(178,931)	(793,975)
Cash and cash equivalents at the end of the reporting year, RUB million	849,419	696,057	1,034,919	2,013,923	1,157,587
Self-financing ratio**	99%	96%	126%	156%	100%
Return ratios**					
Return on operating profit (operating margin)	23%	15%	10%	24%	17%
Return on adjusted EBITDA	32%	24%	23%	36%	31%
Return on profit for the year	19%	17%	3%	21%	11%
Return on assets (ROA)	8%	6%	1%	9%	5%
Return on equity (ROE)	12%	9%	1%	14%	8%

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Financial Results

	As at and for the year ended 31 December				
	2018	2019	2020	2021	2022
Ratios of total and net debt					
Total debt / Equity and non-controlling interest	28%	26%	33%	29%	31%
Total debt / Total debt, equity and non-controlling interest	22%	21%	25%	22%	24%
Total debt / Total assets	19%	18%	21%	18%	19%
Total debt / Adjusted EBITDA	1.49	2.08	3.35	1.32	1.39
Net debt / Adjusted EBITDA	1.16	1.70	2.64	0.78	1.07
Liquidity ratios**					
Current liquidity ratio	1.70	1.51	1.44	1.54	1.59
Quick liquidity ratio	1.34	1.14	1.07	1.29	1.23
Other ratios**					
EV/EBITDA ratio	2.6	5.0	6.1	3.0	2.1
P/E ratio	2.3	4.8	37.6	3.9	3.2
P/S ratio	0.4	0.8	0.8	0.8	0.3

* Capital expenditures are derived from Segment Information in Gazprom Group's IFRS consolidated financial statements.

** For calculation formulas, see the Calculation of Financial Ratios section.

Macroeconomic Data

	Unit of measurement	As at and for the year ended 31 December				
		2018	2019	2020	2021	2022
Russian Federation						
GDP growth	%	2.8%	2.2%	−2.7%	5.6%	−2.1%
Consumer price index (December on December), growth	%	4.3%	3.0%	4.9%	8.4%	11.9%
Producer price index (December on December), growth	%	11.7%	−4.3%	3.6%	28.5%	−3.3%
Industrial production index (December on December), growth	%	6.4%	2.6%	3.7%	7.5%	−4.3%
Average RUB/USD exchange rate for the period*	RUB/USD	62.90	64.64	72.43	73.67	68.38
RUB/USD exchange rate at the end of the period	RUB/USD	69.47	61.91	73.88	74.29	70.34
Average RUB/EUR exchange rate for the period*	RUB/EUR	74.11	72.35	82.89	87.09	72.20
RUB/EUR exchange rate at the end of the period	RUB/EUR	79.46	69.34	90.68	84.07	75.66
European Union						
GDP growth (EU 27 excluding the UK)	%	2,1%	1,8%	−5,8%	5,4%	3,6%
Consumer price index (Euro area, December on December), growth	%	1,5%	1,3%	−0,3%	5,0%	9,2%
Producer price index (Euro area, December on December), growth	%	2,2%	−0,3%	−1,8%	21,3%	20,3%
Industrial production index (EU 27 excluding the UK, December on December), growth	%	−2,2%	−2,5%	2,8%	5,1%	−0,9%
China						
GDP growth	%	6,7%	6,0%	2,2%	8,4%	3,0%
Consumer price index (December on December), growth	%	1,9%	4,5%	0,2%	1,5%	1,8%
Producer price index (December on December), growth	%	0,9%	−0,5%	−0,4%	10,3%	−0,7%
Industrial production index (December on December), growth	%	5,7%	6,9%	7,3%	4,3%	2,2%
* Average exchange rates were calculated based on the average exchange rates on business days provided by the Bank of Russia.						
Note. Economic indicators are based on data provided by central banks, as well as official government statistics agencies and inter-country associations, available at the time of preparation of this Factbook.						

Market Data

	Unit of measurement	As at and for the year ended 31 December				
		2018	2019	2020	2021	2022
Share closing price on the Moscow Exchange						
at year-end	RUB	153.50	256.40	212.69	341.21	162.72
low for the year	RUB	132.20	149.49	154.28	213.03	157.48
high for the year	RUB	172.11	270.74	259.00	385.20	352.70
Number of PJSC Gazprom ordinary shares issued, as at the year-end	million shares	23,674	23,674	23,674	23,674	23,674
Number of PJSC Gazprom ordinary shares issued, held by PJSC Gazprom subsidiaries, as at the year-end	million shares	1,573	29	29	29	29
Number of PJSC Gazprom ordinary shares issued less shares held by PJSC Gazprom subsidiaries, as at the year-end*	million shares	22,101	23,645	23,645	23,645	23,645
Market capitalisation at year-end**	USD billion	52.3	98.0	68.2	109.7	54.8
change (year-on-year)	%	-2.4%	87.5%	-30.5%	60.9%	-50.1%
MOEX Russia Index	points	2,369	3,046	3,289	3,787	2,154
change (year-on-year)	%	12.3%	28.6%	8.0%	15.1%	-43.1%
RTS index	points	1,069	1,549	1,387	1,596	971
change (year-on-year)	%	-7.4%	44.9%	-10.5%	15.1%	-39.2%
Average daily trading volume, Moscow Exchange	million shares	26.3	37.0	56.6	55.3	51.6
Dividend per ordinary share***	RUB	16.61	15.24	12.55	-	51.03
Shareholding structure						
Russian Federation represented by the Federal Agency for State Property Management****	%	38.37%	38.37%	38.37%	38.37%	38.37%
AO ROSNEFTEGAZ	%	10.97%	10.97%	10.97%	10.97%	10.97%
AO Rosgazifikatsiya	%	0.89%	0.89%	0.89%	0.89%	0.89%
ADR holders*****	%	24.13%	19.70%	16.71%	16.16%	6.63%
Other registered holders	%	25.64%	30.07%	33.06%	33.61%	43.14%
Total	%	100%	100%	100%	100%	100%

* As at 31 December of the respective year, there were no PJSC Gazprom shares the title to which was transferred to PJSC Gazprom.

** Market capitalisation was calculated based on the share price on the Moscow Exchange converted to USD.

*** Interim dividend for the first half of 2022 shown for 2022.

**** As at 31 December of the respective year, the cumulative share in PJSC Gazprom controlled directly or indirectly by the Russian Federation and calculated by direct addition totals 50.23% and is owned through the full ownership of AO ROSNEFTEGAZ, which also holds a 74.55% stake in AO Rosgazifikatsiya.

***** As per Federal Law No. 114-FZ On Amendments to the Federal Law On Joint Stock Companies and Certain Legislative Acts of the Russian Federation, dated 16 April 2022, listing of American Depositary Receipts (ADRs) on Gazprom shares was suspended. On 29 April 2022 and 4 May 2022, PJSC Gazprom submitted instructions to The Bank of New York Mellon, which issued ADRs on PJSC Gazprom shares, to terminate deposit agreements under which depositary receipts on PJSC Gazprom shares were placed and to close the depositary receipt programmes. Holders of ADRs on PJSC Gazprom shares as at 27 April 2022 (15.90% of PJSC Gazprom's share capital as at the above date) may convert their ADRs into PJSC Gazprom ordinary shares. For more details on procedures for converting ADRs on Company shares, see PJSC Gazprom's website (<https://www.gazprom.com/investors/stock/>) and PJSC Gazprom Annual Report 2022.

Operational Results

Exploration and Production

Gazprom Group's A+B₁+C₁ hydrocarbon reserves in Russia

(including the share in the reserves of entities in which Gazprom has investments classified as joint operations)

	Unit of measurement	As at 31 December				
		2018	2019	2020	2021	2022
Natural gas	bcm	35,195.3	34,899.0	33,574.5	30,226.9	27,942.9
	mm boe	228,417.5	226,494.5	217,898.5	196,172.6	181,349.4
Gas condensate	mm tonnes	1,604.4	1,569.7	1,494.4	1,369.3	1,262.4
	mm boe	13,124.0	12,840.1	12,224.2	11,200.9	10,326.4
Oil	mm tonnes	2,015.7	2,005.7	2,023.8	1,874.1	1,757.7
	mm boe	14,775.1	14,701.8	14,834.5	13,737.1	12,884.0
Total	mm boe	256,316.6	254,036.4	244,957.2	221,110.6	204,559.8

Changes in Gazprom Group's A+B₁+C₁ natural gas reserves in Russia, bcm

(including the share in the reserves of entities in which Gazprom has investments classified as joint operations)

	As at and for the year ended 31 December				
	2018	2019	2020	2021	2022
Reserves as at 31 December of the previous year	35,355.4	35,195.3	34,899.0	33,574.5	30,226.9
Exploration-based additions to reserves	796.6	556.7	486.3	525.8	529.2
Transfer of reserves discovered in 2022 to the Russian open acreage* and to the books of other companies, acquisition from other companies	-409.3	-0.4	-2.9	-22.2	-1,333.0
Obtaining of licences	-	2.7	15.7	6.2	0.1
Licence returns	-	-0.8	-	-	-
Acquisition of assets	-	100.6	-	-	-
Disposal of assets	-	-	-	-	-351.6
Re-estimation	-49.6	-455.4	-1,371.8	-3,344.4	-717.9
Production (including losses)**	-497.8	-499.7	-451.8	-513.0	-410.8
Reserves as at 31 December of the reporting year	35,195.3	34,899.0	33,574.5	30,226.9	27,942.9

* Under the Russian Federation laws, a subsoil user does not have any vested right to develop reserves it discovers within the areas covered by its exploration licences or beyond the licence blocks. Such reserves are to be transferred to the open acreage of Russia, with the subsoil user granted the pre-emptive right to subsequently obtain a licence for developing the relevant discovery.

** Excluding dissolved gas.

Exploration-based additions to Gazprom Group's A+B₁+C₁ hydrocarbon reserves in Russia

(including the share in the additions to hydrocarbon reserves of entities in which Gazprom has investments classified as joint operations)

	Unit of measurement	For the year ended 31 December				
		2018	2019	2020	2021	2022
Natural gas	bcm	796.6	556.7	486.3	525.8	529.2
	mm boe	5,170.0	3,613.0	3,156.1	3,412.4	3,434.5
Oil and gas condensate	mm tonnes	41.2	40.7	26.7	52.6	112.8
	mm boe	320.5	308.3	210.3	393.3	871.5
Total	mm boe	5,490.5	3,921.3	3,366.4	3,805.7	4,306.0

Operational Results

Exploration and Production

Hydrocarbon fields and reservoirs discovered by Gazprom Group in Russia

(excluding hydrocarbon fields and reservoirs discovered by entities in which Gazprom has investments classified as joint operations)

	For the year ended 31 December				
	2018	2019	2020	2021	2022
Fields	3	4	3	1	1
Reservoirs in previously discovered fields	12	25	22	29	25

Reserve replacement ratio of Gazprom Group's A+B₁+C₁ hydrocarbon reserves in Russia

(including the share in the reserves and production volumes of entities in which Gazprom has investments classified as joint operations)

	For the year ended 31 December				
	2018	2019	2020	2021	2022
Natural gas	1.60	1.11	1.08	1.03	1.29
Oil and gas condensate	0.69	0.67	0.45	0.87	1.78
Total	1.49	1.06	1.00	1.01	1.37

Distribution of Gazprom Group's A+B₁+C₁ hydrocarbon reserves in Russia

(including the share in the reserves of entities in which Gazprom has investments classified as joint operations)

	As at 31 December				
	2018	2019	2020	2021	2022
Natural gas, bcm					
Ural Federal District	19,735.7	19,257.7	18,372.5	15,022.8	12,707.5
Northwestern Federal District	318.6	315.1	315.0	261.0	148.8
Southern and North Caucasian Federal Districts	2,948.2	2,924.6	2,911.4	3,018.8	2,986.1
Volga Federal District	626.9	666.6	452.6	443.2	424.9
Siberian Federal District	2,094.2	2,080.5	1,803.8	1,764.4	1,755.0
Far Eastern Federal District	1,415.8	1,425.4	1,420.3	1,407.0	1,460.1
Russian continental shelf	8,055.9	8,229.1	8,298.9	8,309.7	8,460.5
Total	35,195.3	34,899.0	33,574.5	30,226.9	27,942.9
Gas condensate, mm tonnes					
Ural Federal District	744.1	739.2	724.3	575.9	479.8
Northwestern Federal District	33.0	32.3	32.1	14.7	9.1
Southern and North Caucasian Federal Districts	436.0	432.4	429.7	474.1	471.3
Volga Federal District	55.3	55.0	16.5	16.2	14.6
Siberian Federal District	96.0	94.6	75.4	71.2	71.0
Far Eastern Federal District	29.3	31.6	31.4	31.1	30.8
Russian continental shelf	210.7	184.6	185.0	186.1	185.8
Total	1,604.4	1,569.7	1,494.4	1,369.3	1,262.4

Operational Results

Exploration and Production

	As at 31 December				
	2018	2019	2020	2021	2022
Oil, mm tonnes					
Ural Federal District	1,471.2	1,466.8	1,466.0	1,406.4	1,303.1
Northwestern Federal District	20.3	19.5	20.0	20.1	12.9
Southern and North Caucasian Federal Districts	7.7	7.8	7.7	7.8	8.0
Volga Federal District	227.7	224.9	235.5	233.1	233.5
Siberian Federal District	187.4	188.4	189.2	105.8	106.3
Far Eastern Federal District	36.8	36.9	36.7	35.9	32.6
Russian continental shelf	64.6	61.4	68.7	65.0	61.3
Total	2,015.7	2,005.7	2,023.8	1,874.1	1,757.7

A+B₁+C₁ hydrocarbon reserves of associates and joint ventures in Russia attributable to Gazprom Group

	Unit of measurement	As at 31 December				
		2018	2019	2020	2021	2022
Natural gas	bcm	1,146.7	1,064.0	1,046.2	1,079.3	1,747.0
	mm boe	7,442.1	6,905.4	6,789.8	7,004.7	11,338.0
Gas condensate	mm tonnes	110.1	111.1	110.1	122.0	160.7
	mm boe	900.6	908.8	900.6	998.0	1,314.5
Oil	mm tonnes	592.0	588.6	595.7	726.5	761.3
	mm boe	4,339.4	4,314.4	4,366.5	5,325.2	5,580.4
Total	mm boe	12,682.1	12,128.6	12,056.9	13,327.9	18,232.9

License blocks in Russia

	Unit of measurement	As at 31 December				
		2018	2019	2020	2021	2022
Gazprom Group						
Number of subsoil licences for geological surveying, exploration and production of hydrocarbons	unit	274	302	317	322	343
Total area of licence blocks	thousand square km	559.3	573.2	582.5	589.4	606.8
Entities in which Gazprom has investments classified as joint operations						
Number of subsoil licences for geological surveying, exploration and production of hydrocarbons	unit	36	37	37	6	4
Total area of licence blocks	thousand square km	23.1	23.9	23.7	2.9	2.8

Operational Results

Exploration and Production

Summary information on Gazprom Group's exploration activities in Russia
(excluding entities in which Gazprom has investments classified as joint operations)

	Unit of measurement	For the year ended 31 December				
		2018	2019	2020	2021	2022
Exploration drilling	thousand m	157.6	201.7	162.0	112.3	185.8
Completed exploration wells	unit	25	41	34	31	42
including producing wells		20	39	27	29	40
2D seismic surveys	thousand linear km	5.7	15.0	–	1.8	–
3D seismic surveys	thousand square km	9.5	7.9	5.9	7.8	10.1
Additions to hydrocarbon reserves	mm boe	5,440.6	3,906.6	3,358.4	3,789.0	4,306.0
Drilling efficiency	thousand boe / m	34.5	19.4	20.7	33.7	23.2

Hydrocarbon production by Gazprom Group in Russia

(including the share in the production volumes of entities in which Gazprom has investments classified as joint operations)

	Unit of measurement	For the year ended 31 December				
		2018	2019	2020	2021	2022
Natural and associated gas	bcm	498.68	501.22	454.51	515.61	412.94
	mm boe	3,236.43	3,252.92	2,949.77	3,346.31	2,679.98
Oil and gas condensate	mm tonnes	64.21	64.66	63.37	64.48	67.90
	mm boe	484.20	488.23	478.25	486.51	514.04
Total	mm boe	3,720.63	3,741.16	3,428.02	3,832.82	3,194.02

Average daily hydrocarbon production by Gazprom Group in Russia

(including the share in the production volumes of entities in which Gazprom has investments classified as joint operations)

	Unit of measurement	For the year ended 31 December				
		2018	2019	2020	2021	2022
Natural and associated gas	mmcm per day	1,366.2	1,373.2	1,241.8	1,412.6	1,131.3
Oil and gas condensate	thousand tonnes per day	175.9	177.2	173.1	176.6	186.0

Actual maximum daily production of natural and associated gas by Gazprom Group in Russia in the autumn and winter seasons

(excluding the share in the production volumes of entities in which Gazprom has investments classified as joint operations)

	Autumn and winter				
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022
Date	23.02.2018	19.01.2019	28.12.2019	17.02.2021	31.12.2021, 10.01.2022
Production, mmcm	1,512.6	1,538.6	1,514.1	1,548.1	1,542.2
including production in the UGSS area	1,505.9	1,531.3	1,496.8	1,507.1	1,484.1

Operational Results

Exploration and Production

Distribution of hydrocarbon production by Gazprom Group in Russia

(including the share in the production volumes of entities in which Gazprom has investments classified as joint operations)

	For the year ended 31 December				
	2018	2019	2020	2021	2022
Natural and associated gas, bcm					
Ural Federal District	464.36	465.76	416.51	472.44	364.59
Northwestern Federal District	1.89	1.99	1.99	1.99	1.97
Southern and North Caucasian Federal Districts	11.94	12.22	11.20	9.15	10.70
Volga Federal District	14.40	14.42	14.31	13.60	12.58
Siberian Federal District	4.91	4.86	4.87	4.85	4.27
Far Eastern Federal District	0.45	1.21	4.79	12.27	17.01
Russian continental shelf	0.73	0.76	0.84	1.31	1.82
Total	498.68	501.22	454.51	515.61	412.94
Oil and gas condensate, mm tonnes					
Ural Federal District	48.20	48.43	48.07	49.23	52.79
Northwestern Federal District	0.14	0.13	0.13	0.13	0.13
Southern and North Caucasian Federal Districts	3.89	4.02	3.72	3.01	3.51
Volga Federal District	2.91	3.23	3.29	3.08	2.93
Siberian Federal District	5.75	5.56	4.47	4.22	2.47
Far Eastern Federal District	0.02	0.02	0.28	0.96	2.10
Russian continental shelf	3.30	3.27	3.41	3.85	3.97
Total	64.21	64.66	63.37	64.48	67.90

APG utilisation by Gazprom Group in Russia

	For the year ended 31 December				
	2018	2019	2020	2021	2022
APG utilisation, bcm					
Gazprom Group, excluding the share in the production volumes of entities in which Gazprom has investments classified as joint operations	12.86	16.47	18.06	21.73	24.54
Gazprom Group's share in the production volumes of entities in which Gazprom has investments classified as joint operations	1.08	1.08	0.97	0.81	0.08
Gazprom Group, including the share in the production volumes of entities in which Gazprom has investments classified as joint operations	13.94	17.55	19.03	22.54	24.62
APG utilisation rate, %					
Gazprom Group, excluding the share in the production volumes of entities in which Gazprom has investments classified as joint operations	80.3	89.9	91.6	90.1	94.2
Gazprom Group's share in the production volumes of entities in which Gazprom has investments classified as joint operations	91.6	91.8	95.2	94.8	98.7
Gazprom Group, including the share in the production volumes of entities in which Gazprom has investments classified as joint operations	81.8	90.1	92.0	90.5	94.3

Operational Results

Exploration and Production

Gazprom Group's share of hydrocarbon production of associates and joint ventures in Russia

	Unit of measurement	For the year ended 31 December				
		2018	2019	2020	2021	2022
Natural and associated gas	bcm	26.92	26.86	28.36	27.41	30.66
	mm boe	174.71	174.32	184.06	177.89	198.98
Oil and gas condensate	mm tonnes	16.10	16.51	14.50	14.69	18.29
	mm boe	122.08	125.04	110.59	111.96	138.35
Total	mm boe	296.79	299.36	294.65	289.85	337.33

Production drilling for gas and oil by Gazprom Group in Russia, thousand m (excluding entities in which Gazprom has investments classified as joint operations)

		For the year ended 31 December				
		2018	2019	2020	2021	2022
For gas		304.4	400.8	514.2	718.0	810.7
For oil		2,202.6	2,811.7	3,275.5	2,815.3	3,531.0

Hydrocarbon production capacity in Russia

	As at 31 December				
	2018	2019	2020	2021	2022
Gazprom Group					
Fields in commercial development	138	144	147	147	151
Gas development wells	7,976	8,061	8,139	8,284	8,355
including active	7,418	7,438	7,494	7,534	7,447
Oil development wells	9,106	8,393	9,189	9,420	10,888
including active	8,489	7,752	8,519	8,809	10,146
Entities in which Gazprom has investments classified as joint operations					
Fields in commercial development	38	39	39	3	1

Transportation

	Unit of measurement	As at and for the year ended 31 December				
		2018	2019	2020	2021	2022
Combined length of trunklines and branch pipelines operated by Gazprom Group's gas transportation subsidiaries in Russia*	thousand km	172.6	175.2	176.8	178.2	179.3
Gas supplies into Gazprom's GTS in Russia	bcm	693.07	678.96	625.02	703.12	596.71
Supplies to Russian consumers via Gazprom's GTS*	bcm	361.7	353.9	338.8	376.8	372.1
including Gazprom Group via the GTS (with purchases from outside Gazprom Group)		244.1	240.0	225.9	258.5	243.8
Supplies to Russian consumers via Gazprom's GTS from Gazprom Group's production**	bcm	224.9	221.2	208.4	238.1	227.5

* Including technological jumpers.
 ** Excluding GTS process needs.

Underground Gas Storage

	As at 31 December				
	2018	2019	2020	2021	2022
Number of underground gas storage facilities in Russia	27	27	27	27	27

	Unit of measurement	Withdrawal season				
		2018/2019	2019/2020	2020/2021	2021/2022	2022/2023
Operating gas reserve in Russian UGSFs at the start of the withdrawal season	mmcm	72,272	72,232	72,322	72,638	72,662

	Unit of measurement	Withdrawal season			
		2018/2019	2019/2020	2020/2021	2021/2022
Gas withdrawal volume from Russian UGSFs over the withdrawal season	mmcm	44,732	32,618	60,963	35,455
Gas withdrawal from Russian UGSFs over the withdrawal season as a share of the working gas inventories created by the start of the withdrawal season	%	62%	45%	84%	49%

Gas Distribution and Gas Infrastructure Expansion

		As at and for the year ended 31 December				
	Unit of measurement	2018	2019	2020	2021	2022
Gas distribution in Russia						
Length of external gas pipelines operated by Gazprom Group's gas distribution subsidiaries and associates	thousand km	786.7	802.8	817.1	831.8	852.1
Natural gas transportation via gas distribution networks operated by Gazprom Group's gas distribution subsidiaries and associates	bcm	239.7	232.6	223.2	249.6	247.4
Consumers (natural gas) of Gazprom Group's gas distribution subsidiaries and associates, including:						
apartments and private households	million units	27.7	28.0	28.3	28.4	28.9
industrial facilities	thousand units	32.4	32.8	33.0	33.8	36.5
agricultural facilities	thousand units	8.1	9.1	9.8	9.5	9.6
utility facilities	thousand units	332.6	344.0	353.6	361.4	367.4
Expansion of gas infrastructure in Russian regions						
Length of inter-settlement gas pipelines completed during the year as part of gas supply and infrastructure expansion programmes in Russian regions	thousand km	2.0	1.9	2.2	2.7	3.3
Natural gas penetration rate in Russia*	%	68.6%	70.1%	71.4%	72.1%	73.1%
Additional gas infrastructure expansion**						
Number of completed contracts for additional gas infrastructure expansion to land plot boundaries of households	thousand units	x	x	x	72.1	299.1
Number of households connected to gas grids, with gas supply launched	thousand units	x	x	x	23.3	143.7
* 2018–2019 indicators are calculated based on the housing stock data as at 2005. Starting from 2020, the natural gas penetration rate is calculated in line with the Guidelines for Calculating the Gas Penetration Rate approved by Order of the Russian Ministry of Energy No. 308 dated 2 April 2019.						
** Including the performance indicators of Gazprom mezhregiongaz Group and OOO Gazprom transgaz Kazan reflecting the connection of individuals to gas grids.						

Processing/Refining

		For the year ended 31 December				
	Unit of measurement	2018	2019	2020	2021	2022
Hydrocarbon processing/refining by Gazprom Group (excluding tolling arrangements)						
Natural and associated gas processing	bcm	31.06	31.47	30.61	34.96	34.68
Primary oil refining and primary processing of stable gas condensate	mm tonnes	55.86	54.96	53.69	55.80	57.47
Processing (purification and stabilisation) of unstable gas condensate and oil refining by OOO Gazprom pererabotka and its gas production subsidiaries	mm tonnes	17.75	18.82	18.47	18.13	19.65
Production volumes of certain types of refined and processed products (excluding tolling arrangements)						
Liquefied petroleum gas (LPG)	mm tonnes	3.61	3.66	3.57	3.55	3.67
Oil products	mm tonnes	51.40	50.85	49.39	51.50	53.40
Processing/refining of third-party hydrocarbons (under tolling arrangements) at Gazprom Group						
Processing of natural gas	bcm	9.55	9.11	8.99	8.18	7.45
Medium-scale LNG production*						
LNG	mm tonnes	–	–	–	–	0.40

* Including LNG production at the LNG Complex near the Portovaya CS.

* Including LNG production at the LNG Complex near the Portovaya CS.

Hydrocarbon refining/processing and key refined and processed products produced by Gazprom Group's downstream facilities in Russia

	Astrakhan GPP	Orenburg GPP	Sosnogorsk GPP	Orenburg Helium Plant	Urengoy Condensate Pre-transportation Preparation Plant	Surgut Condensate Stabilisation Plant	Amur GPP*	Methanol Plant	Yuzhno-Priobskiy GPP**	Omsk Refinery	Moscow Refinery	Slavneft-YANOS**	Gazprom neftekhim Salavat's refinery
Natural and associated gas processing	■	■	■	■			■	■	■				
Primary oil refining and primary processing of stable gas condensate	■				■	■				■	■	■	■
Processing (purification and stabilisation) of unstable gas condensate	■	■	■		■	■							
Production of refined and processed products													
Stable gas condensate and oil	■	■	■		■	■							
Dry gas	■	■	■	■			■		■				
LPG	■	■	■	■	■	■	■			■	■		
Sulphur	■	■								■	■	■	■
Helium				■			■						
NGLs	■			■	■	■			■				
Ethane fraction				■			■						
Odorant		■											

Operational Results

Processing/Refining

	Astrakhan GPP	Orenburg GPP	Sosnogorsk GPP	Orenburg Helium Plant	Urengoy Condensate Pre-transportation Preparation Plant	Surgut Condensate Stabilisation Plant	Anur GPP*	Methanol Plant	Yuzhno-Priobskiy GPP**	Omsk Refinery	Moscow Refinery	Slavneft-YANOS**	Gazprom neftekhim Salavat's refinery
Methanol			■		■	■		■					
Oil products													
Motor gasoline	■					■				■	■	■	■
Diesel fuel	■				■	■				■	■	■	■
Jet fuel					■	■				■	■	■	
Heating oil	■									■	■	■	■
Marine fuel										■	■		■
Bitumens										■	■		■
Oils										■		■	
* The project is underway. Marketable products are listed in line with the project.													
** Gazprom Group has access to 50% of capacity.													
Note. Data as at 31 December 2022.													

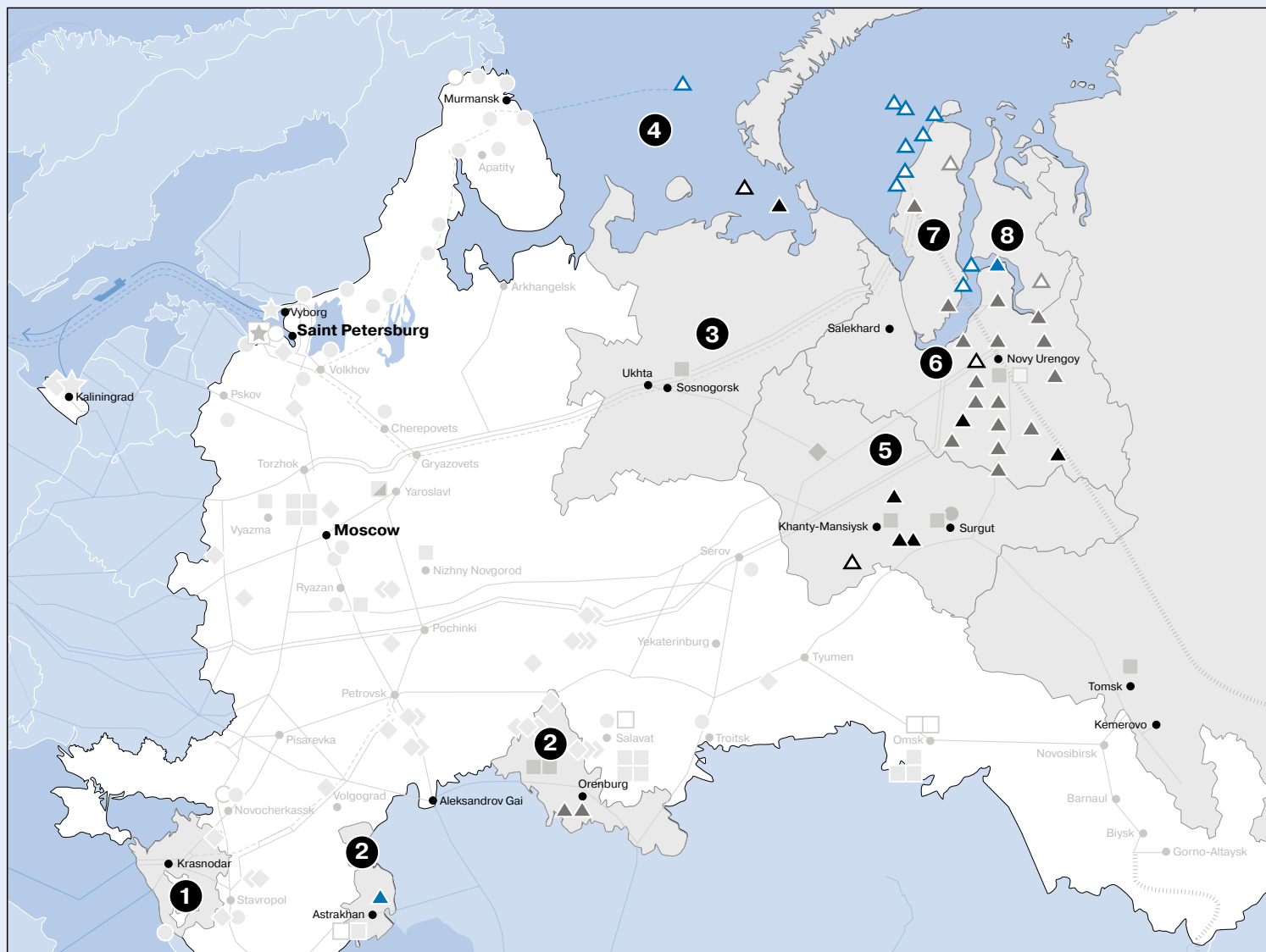
Power Generation

	Unit of measurement	As at and for the year ended 31 December				
		2018	2019	2020	2021	2022
Gazprom Group's electrical capacity	MW	39,951	40,190	38,792	37,717	37,603
Electricity generation by Gazprom Group	bn kWh	153.19	149.13	132.26	147.54	146.43
Gazprom Group's heat capacity	Gcal/h	70,785	78,675	76,820	79,482	79,828
Heat generation by Gazprom Group	mm Gcal	131.25	134.29	130.30	151.12	149.06

Geography of Gazprom Group's Operations in Russia

(for 2022 or as at 31 December 2022)

Exploration and Production

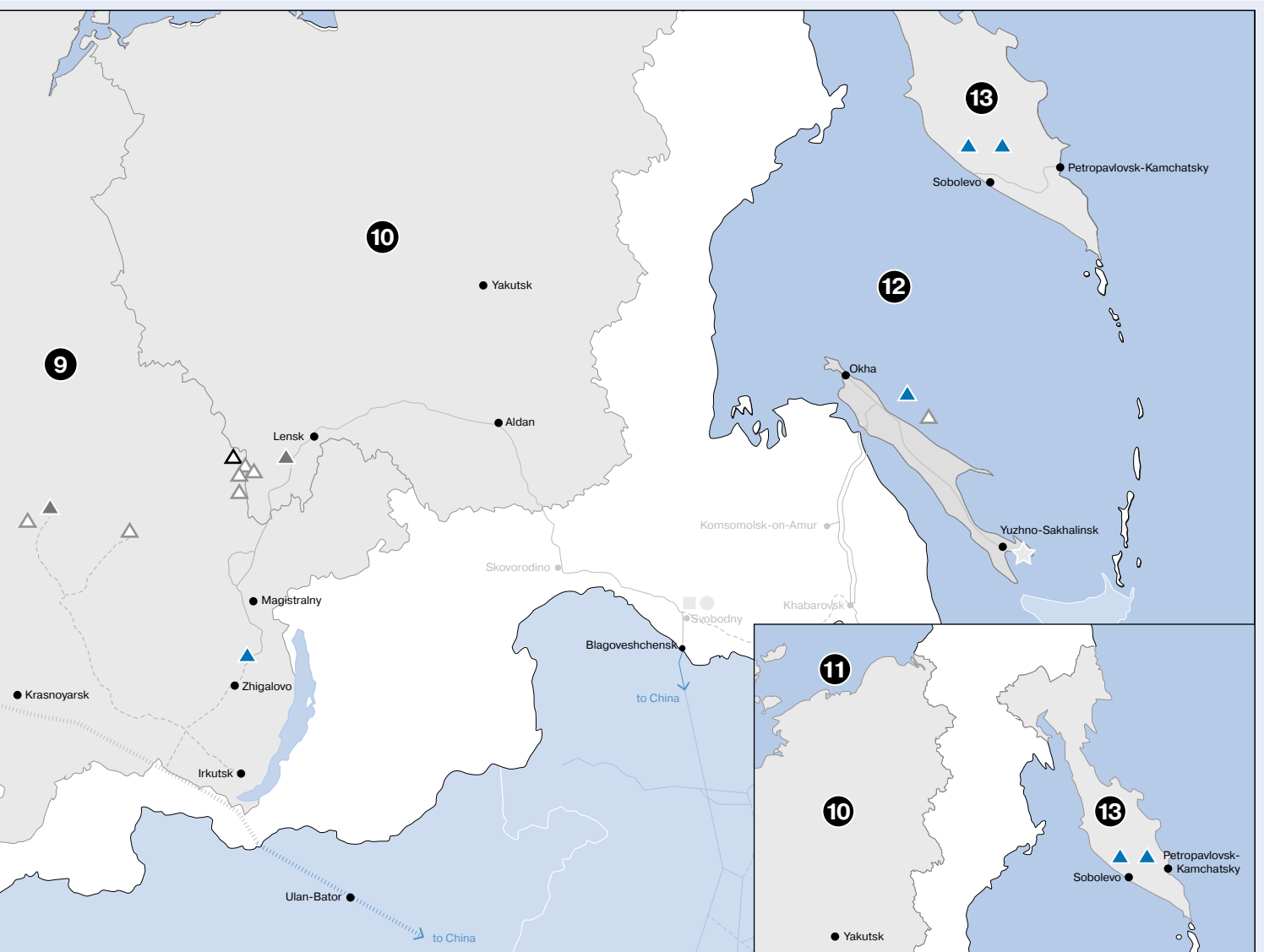


Fields developed

- ▲ Gas and condensate fields
- ▲ Oil and gas, oil and gas condensate fields
- ▲ Oil fields

Fields explored

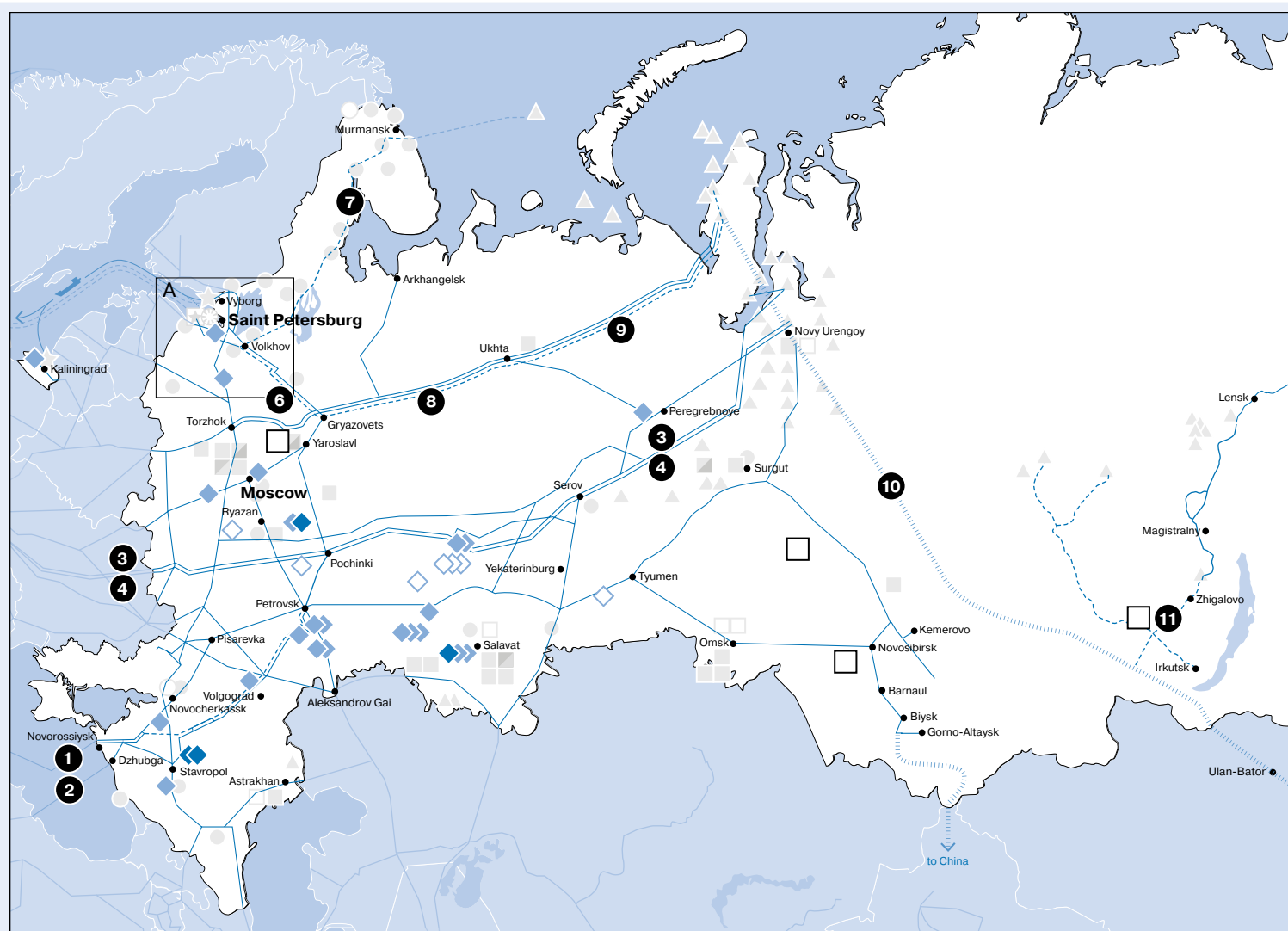
- ▲ Gas and condensate fields
- ▲ Oil and gas, oil and gas condensate fields
- ▲ Oil fields
- Areas of exploration for hydrocarbons



Areas of exploration for hydrocarbons

1	Krasnodar Territory	7	Yamal Peninsula
2	Astrakhan and Orenburg Regions	8	Gydan Peninsula
3	Komi Republic and Nenets Autonomous Area	9	Krasnoyarsk Territory, Irkutsk, Tomsk and Kemerovo Regions
4	Russian continental shelf in the Kara Sea, the Barents Sea and the Pechora Sea	10	Republic of Sakha (Yakutia)
5	Khanty-Mansi Autonomous Area – Yugra	11	Russian continental shelf in the East Siberian Sea and the Chukchi Sea
6	North of the Taz Peninsula, Ob Bay, Taz Estuary, and Nadym-Pur-Taz region	12	Russian continental shelf in the Sea of Okhotsk
		13	Kamchatka Peninsula

Transportation and underground storage

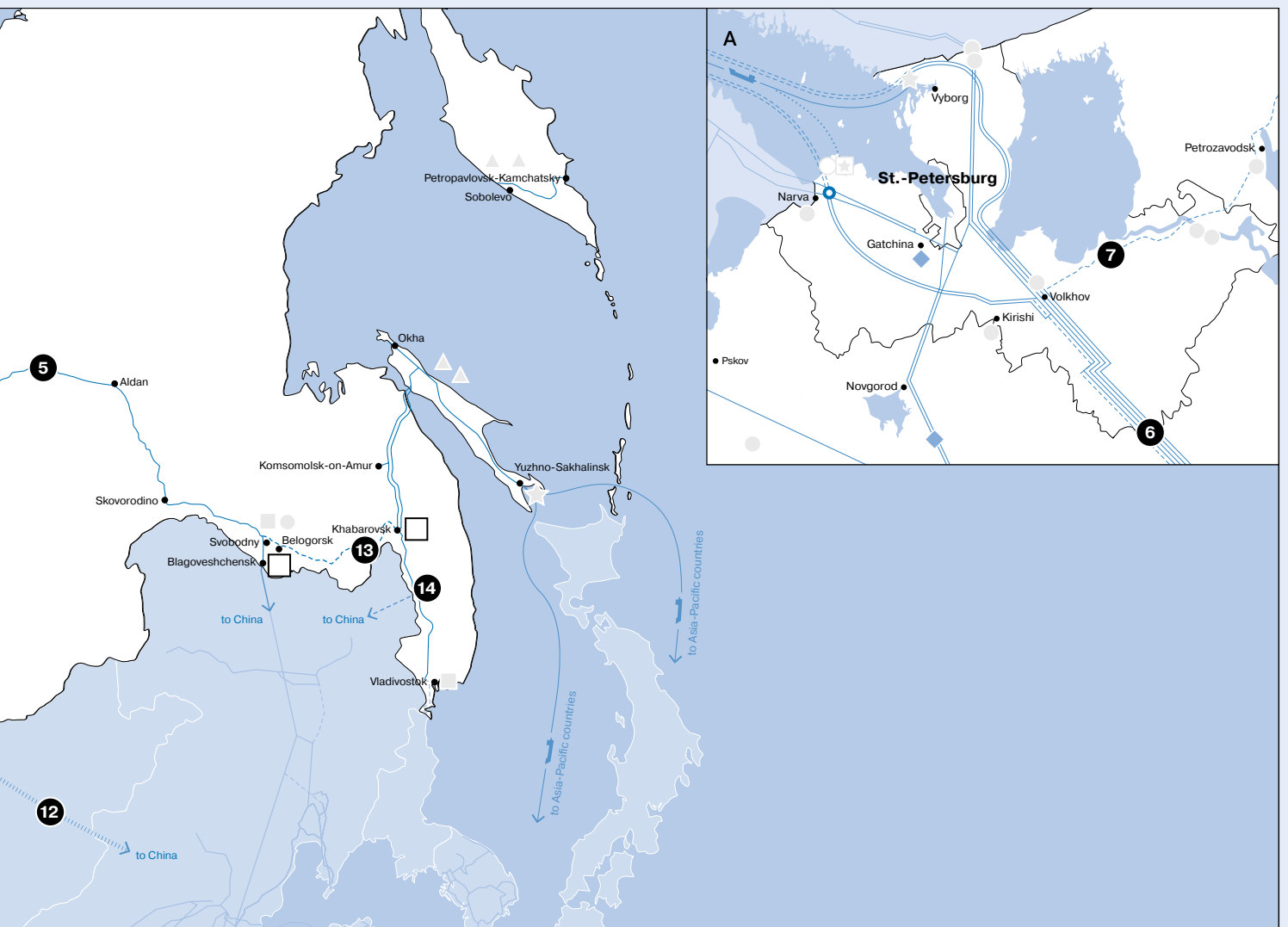


Major gas trunklines

- Constructed and active gas pipelines
- Projected supply routes
- Gas pipelines under construction and projected gas pipelines

Underground gas storage facilities

- Areas explored for the construction of UGSFs
- ◇ Facilities under construction and projected facilities
- ◆ Active UGSFs with a working gas capacity over 5 bcm
- ◆ Active UGSFs with a working gas capacity below 5 bcm



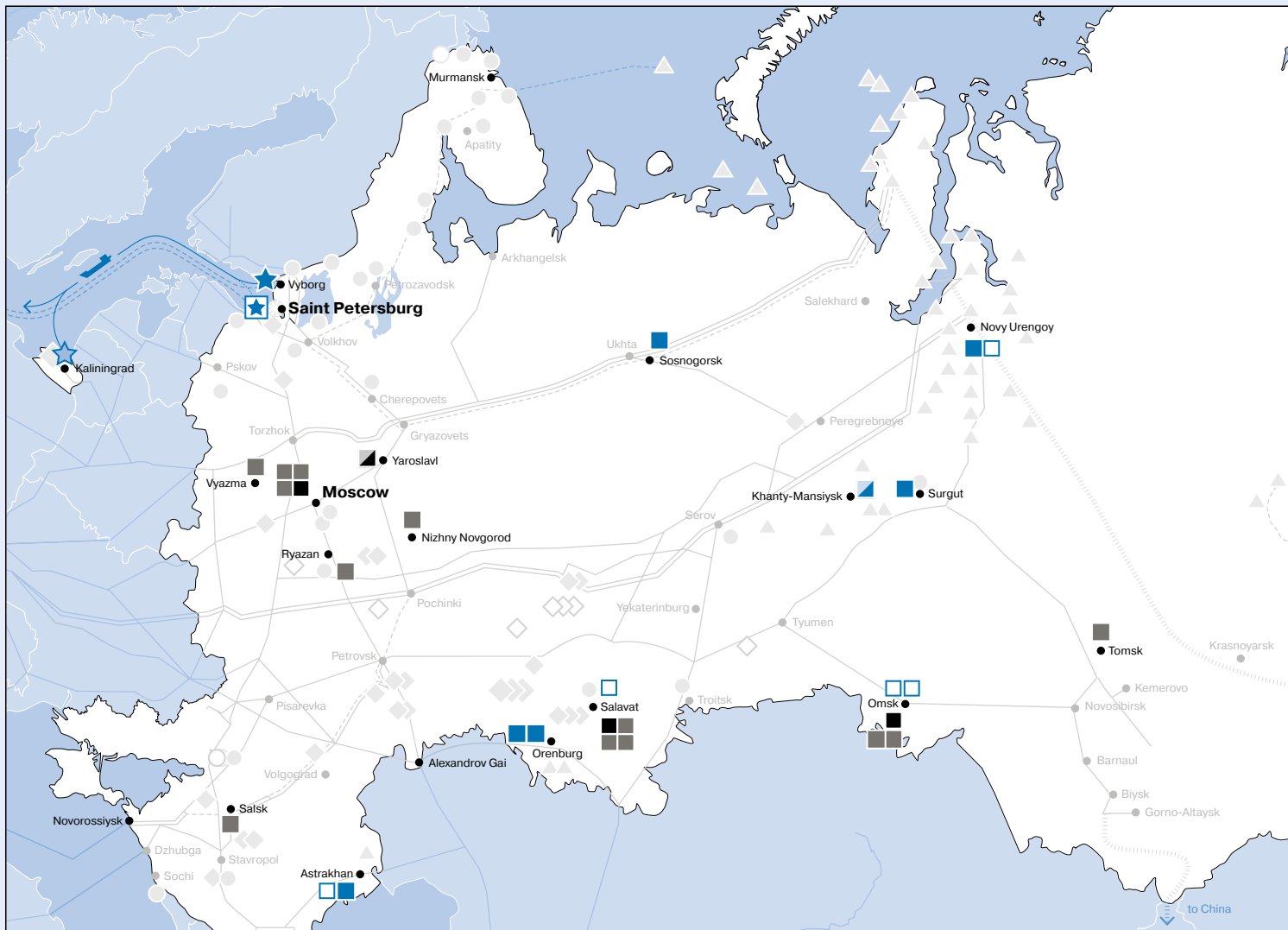
Gas export routes

- 1 TurkStream gas pipeline
- 2 Blue Stream gas pipeline
- 3 Progress gas pipeline
- 4 Urengoy–Uzhgorod gas pipeline
- 5 Power of Siberia gas pipeline

Gas transportation projects

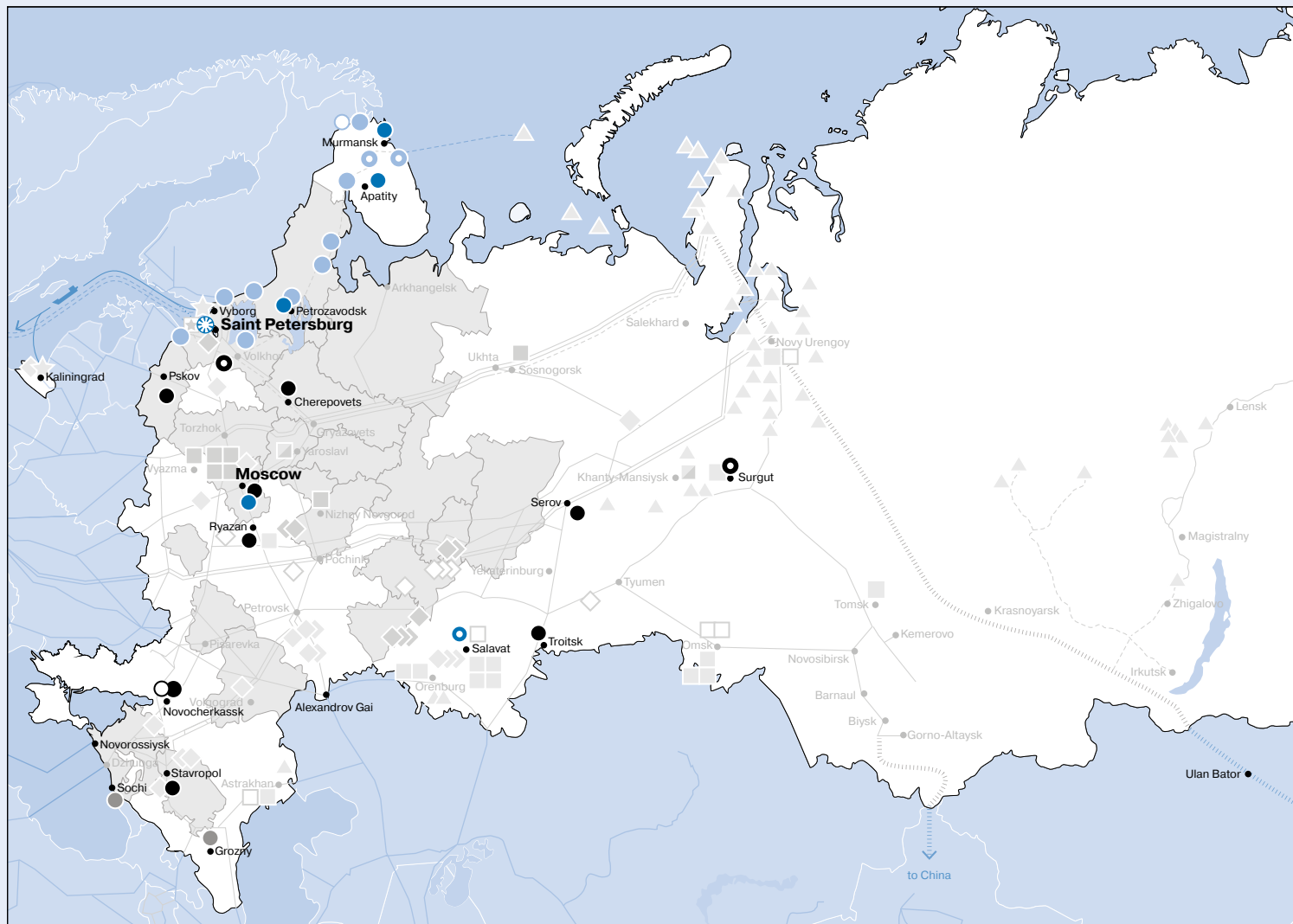
- 6 GTS revamp projects to supply ethane-rich gas from the Nadym-Pur-Taz region's fields to the Baltic Sea coast
- 7 Volkhov–Murmansk gas pipeline
- 8 Ukhta–Torzhok 3 gas pipeline
- 9 Bovanenkovo–Ukhta 3 gas pipeline
- 10 Power of Siberia 2 gas pipeline
- 11 Jumper between the UGSS of Russia and the Power of Siberia gas pipeline
- 12 Soyuz Vostok gas pipeline (extension of the Power of Siberia 2 gas pipeline into Mongolia)
- 13 Jumper between the Power of Siberia gas pipeline and the Sakhalin–Khabarovsk–Vladivostok gas pipeline
- 14 Branch gas pipeline from the Sakhalin–Khabarovsk–Vladivostok trunkline to the state border with China

Refining/processing, gas chemicals and petrochemicals, LNG production and regasification





Power generation

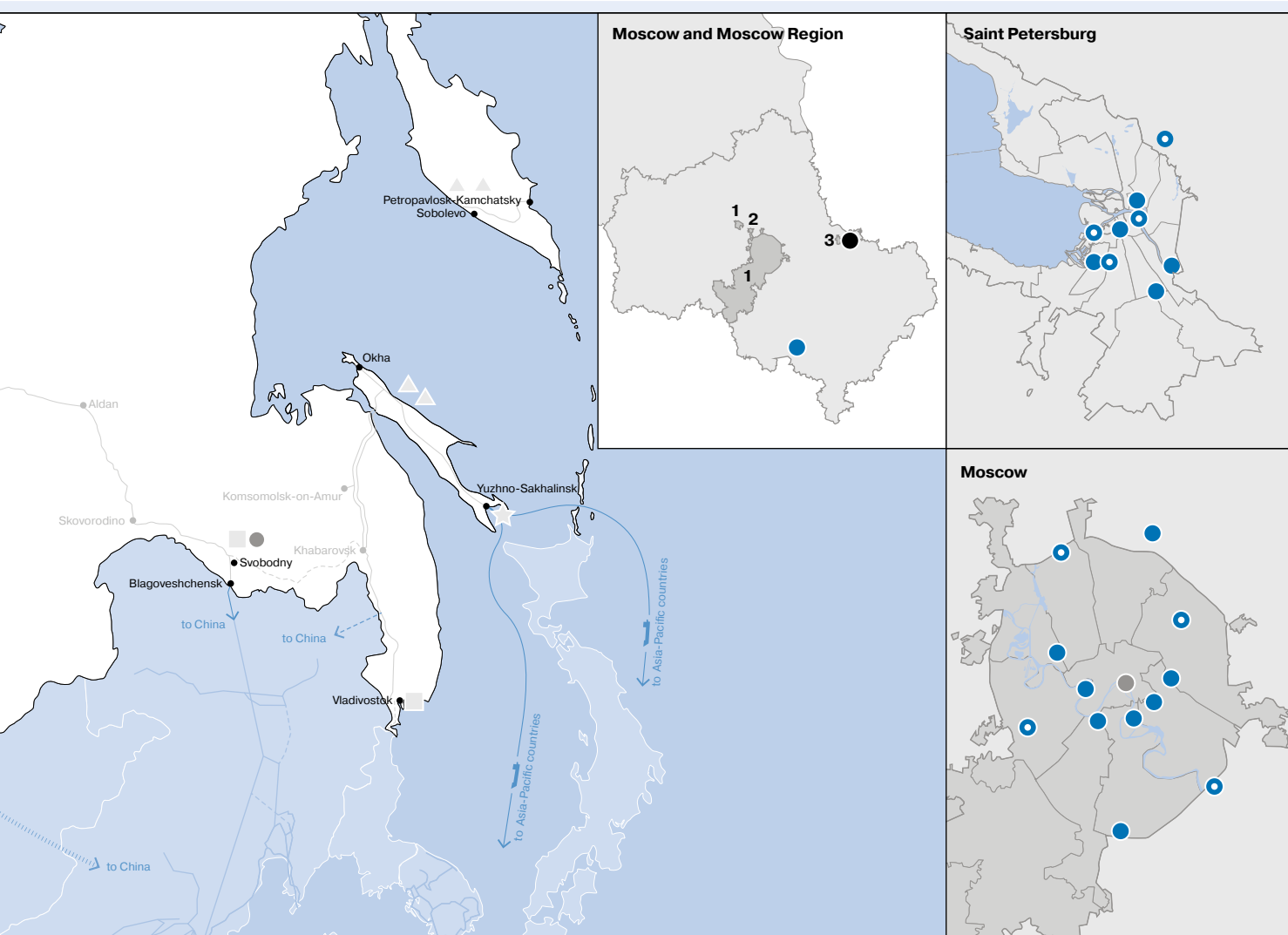


Active facilities

- CHPP
- HPP
- GRES
- TPP
- Heat supply area of PAO MIPCO and its subsidiary OOO TSK Mosenergo in Moscow and the Moscow Region
- 1 Moscow
- 2 Khimki (Moscow Region)
- 3 Elektrogorsk (Moscow Region)
- Regions where the heat supply facilities of AO Gazprom teploenergo and its subsidiaries are located

Facilities to be upgraded

- CHPP
- HPP
- GRES



Facilities under construction and projected facilities

- HPP

- GRES

- ⚙ Wind power plant

Marketing

Gas markets in Russia and far abroad countries

	Unit of measurement	For the year ended 31 December				
		2018	2019	2020	2021	2022
Average annual prices of major commodities						
Natural gas (the Netherlands)	USD per mcm	270	168	114	574	1,428
LNG (Asia-Pacific)	USD per mcm	343	197	148	632	1,198
Oil Brent	USD per barrel	72	64	43	71	99
Coal (Northwestern Europe)	USD per tonne	92	61	50	120	290
Gas consumption in Russia						
Consumption	bcm	493.2	481.0	460.5	516.1	486.6
Gas consumption, domestic production and imports in European far abroad countries*						
Consumption	bcm	549.0	559.9	543.4	578.5	508.2
Domestic production	bcm	252.7	236.3	217.9	209.4	222.6
Imports, including:	bcm	325.9	360.7	332.3	347.8	316.8
LNG	bcm	68.0	115.3	113.1	105.3	163.6
pipeline supplies of natural gas	bcm	257.9	245.4	219.2	242.5	153.2
Gas consumption, domestic production and imports in China*						
Consumption	bcm	280.3	306.7	330.6	372.6	366.3
Domestic production	bcm	158.4	173.1	190.5	204.9	217.8
Imports, including:	bcm	125.4	134.0	140.5	168.3	151.0
LNG	bcm	74.4	83.4	92.4	109.1	87.9
pipeline supplies of natural gas	bcm	51.1	50.6	48.1	59.1	63.1
Global LNG market						
Global LNG trade volume**	mm tonnes	317.2	356.1	356.7	374.1	393.7
* PJSC Gazprom's estimates based on data from official statistical agencies of various countries as well as from international associations; data from gas transportation system operators; data on gas tanker traffic published by various companies; weather data; statements by officials and company representatives.						
** PJSC Gazprom's estimates. Data for actual LNG deliveries (including boil-off gas), less any re-exports						

Marketing

Net revenue from sales, RUB million (net of VAT, excise tax and customs duties)

	For the year ended 31 December				
	2018	2019	2020	2021	2022
Gas	4,303,671	3,800,730	3,049,339	5,656,033	6,512,867
Oil, gas condensate and refined products	2,914,725	2,863,971	2,285,745	3,477,332	3,942,354
Electricity and heat	522,095	518,373	499,469	595,478	594,984

Sales volumes of gas, oil, gas condensate, and refined products by Gazprom Group

	Unit of measurement	For the year ended 31 December				
		2018	2019	2020	2021	2022
Gas	bcm	521.1	506.9	475.3	508.2	379.8
Oil and gas condensate	mm tonnes	25.55	27.11	24.12	25.35	25.67
Refined products*	mm tonnes	68.86	70.18	66.63	67.73	68.55
* Excluding sales of helium.						
Note. Excluding intra-group sales.						

Sales volumes of helium by Gazprom Group

	Unit of measurement	For the year ended 31 December				
		2018	2019	2020	2021	2022
Gaseous helium	mmcm	3.42	3.63	3.61	3.35	2.48
Liquid helium	tonnes	260.08	214.56	142.11	127.22	214.46
Note. Excluding intra-group sales.						

Environmental Protection and Energy Saving

Key metrics for Gazprom Group's environmental impact in Russia

	Unit of measurement	For the year ended 31 December				
		2018	2019	2020	2021	2022
Air pollutant emissions	thousand tonnes	2,894.0	2,862.7	2,445.7	2,506.3	2,155.3
including:						
carbon oxide		594.1	596.4	550.7	642.1	540.6
nitrogen oxides		328.6	307.7	284.2	341.6	270.0
sulphur dioxide		276.2	221.5	172.0	169.7	150.5
hydrocarbons		1,497.8	1,542.6	1,266.4	1,193.5	1,048.2
GHG emissions (Scope 1)	mm tonnes of CO ₂ equivalent	240.0	236.5	210.3	243.3	213.5
Wastewater discharge into surface water bodies	mmcm	3,658.4	3,241.8	2,610.8	3,225.4	2,937.9
including clean and treated as per standards		3,579.5	3,152.7	2,533.7	3,125.4	2,837.5
Waste generation	thousand tonnes	3,555.1	3,337.1	3,229.8	3,046.6	2,588.6
Area of land disturbed during the year	thousand ha	25.8	22.9	23.8	19.8	35.6
Area of rehabilitated land	thousand ha	15.8	17.7	15.8	17.2	15.1

Gazprom Group's Scope 1* GHG emissions in Russia, mm tonnes of CO₂ equivalent

	For the year ended 31 December				
	2018	2019	2020	2021	2022
Gazprom Group's gas business companies	125.4	125.4	106.3	124.7	96.3
Gazprom energoholding	94.1	89.0	81.3	93.7	90.1
Gazprom Neft	14.3	16.0	16.7	18.7	21.1
Gazprom neftekhim Salavat	6.2	6.0	6.0	6.2	6.0
Total	240.0	236.5	210.3	243.3	213.5

* Direct GHG emissions (Scope 1) resulting from the business activities of the reporting organisation.

Environmental Protection and Energy Saving

Gazprom Group's GHG emissions (Scope 1) in Russia by type of greenhouse gas, mm tonnes of CO₂ equivalent

	For the year ended 31 December				
	2018	2019	2020	2021	2022
CO ₂ (carbon dioxide)	207.1	203.3	184.0	217.7	191.3
CH ₄ (methane)*	32.9	33.2	26.3	25.6	22.2
Total	240.0	236.5	210.3	243.3	213.5

* To estimate fossil methane (CH₄) emissions expressed as CO₂ equivalent, a conversion factor of 25 is applied.

Gazprom Group's GHG emissions (Scope 2)* in Russia, mm tonnes of CO₂ equivalent

	For the year ended 31 December				
	2018	2019	2020	2021	2022
PJSC Gazprom and its subsidiaries	8.2	6.1	4.8	4.7	4.0
Gazprom energoholding	–	–	–	–	–
Gazprom Neft	4.5	5.2	4.4	5.1	4.8
Gazprom neftekhim Salavat	2.6	2.5	2.6	2.6	2.3

* Energy indirect GHG emissions (Scope 2) resulting from the consumption of electricity and heat purchased by the reporting organisation from third-party generators.

Specific GHG emissions (Scope 3) from Gazprom Group's products sold

	For the year ended 31 December				
	2018	2019	2020	2021	2022
kg of CO ₂ equivalent per boe of products sold	300.6	301.6	301.4	301.2	302.6

Gazprom Group's environmental protection costs in Russia, RUB million

	For the year ended 31 December				
	2018	2019	2020	2021	2022
Current environmental operating costs	22,638.0	14,964.6	13,979.4	14,765.7	16,313.7
Environmental protection service fees	14,584.1	15,601.9	18,980.3	20,079.4	22,540.7
Costs of overhauling fixed assets employed in environmental protection	1,932.2	1,613.7	1,481.0	1,458.2	1,565.3
Negative environmental impact charges	615.8	617.7	693.1	710.6	747.3
Capital expenditures for environmental protection and sustainable use of natural resources	29,188.6	20,421.3	13,987.2	60,529.6	47,971.7
Total	68,958.7	53,219.2	49,121.0	97,543.5	89,138.7

Fuel and energy savings by PJSC Gazprom subsidiaries covered by PJSC Gazprom's energy saving and energy efficiency programmes

	Unit of measurement	For the year ended 31 December				
		2018	2019	2020	2021	2022
Natural gas	mmcm	2,951.9	3,286.9	3,273.8	4,009.0	4,015.5
Electricity	mm kWh	364.3	330.5	305.9	377.8	407.2
Heat	thousand Gcal	235.9	252.7	251.9	185.8	227.9
Motor fuel and lubricants	thousand t c.e.	x	x	x	17.0	19.4
Total	thousand t c.e.	3,561.6	3,939.9	3,916.6	4,799.1	4,830.1

Occupational Safety

Occupational safety at PJSC Gazprom, its major gas exploration, production, processing, transportation, and underground storage subsidiaries, major power generation subsidiaries as well as subsidiaries supporting the operation of the Russian UGSS

	For the year ended 31 December				
	2018	2019	2020	2021	2022
Industrial safety incidents at hazardous production facilities	16	10	14	12	10
Fires at protected facilities	3	2	6	6	4
Number of people injured in accidents	89	47	39	42	39
Number of people killed in accidents	3	7	5	5	6
Lost time injury frequency rate (LTIFR)*	0.17	0.09	0.08	0.08	0.08
Fatal accident rate (FAR)*	0.57	1.35	0.97	0.99	1.18

* For calculation formulas, see the Glossary of Key Terms and Abbreviations section.

Occupational safety at Gazprom Group's other entities

	For the year ended 31 December				
	2018	2019	2020	2021	2022
Gazprom neftekhim Salavat					
Industrial safety incidents at hazardous production facilities	9	2	1	2	–
Number of people injured in accidents	–	2	–	2	1
Lost time injury frequency rate (LTIFR)*	–	0.13	–	0.07	0.06
Fatal accident rate (FAR)*	–	–	–	12.96	–
Gazprom Neft					
Industrial safety incidents at hazardous production facilities	1,069	920	600	54	7
Number of people injured in accidents	85	68	76	70	45
Lost time injury frequency rate (LTIFR)*	0.64	0.50	0.54	0.36	0.34
Fatal accident rate (FAR)*	0.74	1.46	–	3.80	–
Gazprom energoholding					
Industrial safety incidents at hazardous production facilities	99	71	56	60	22
Number of people injured in accidents	18	8	5	3	7
Lost time injury frequency rate (LTIFR)*	0.28	0.12	0.08	0.05	0.09
Fatal accident rate (FAR)*	–	–	–	–	1.23

* For calculation formulas, see the Glossary of Key Terms and Abbreviations section.

Patent Management, R&D

Number of patents held by PJSC Gazprom and its subsidiaries and their use in operations, units

	As at 31 December				
	2018	2019	2020	2021	2022
Total number of patents held by PJSC Gazprom and its subsidiaries	2,555	2,674	2,786	2,901	3,119
including those used in operations	441	459	516	576	683

Total spending on R&D projects commissioned by Gazprom Group, RUB billion

	For the year ended 31 December				
	2018	2019	2020	2021	2022
Total spending on R&D (net of VAT)	9.0	12.1	21.4	24.6	30.0

Employees

Gazprom Group's workforce breakdown

	As at 31 December				
	2018	2019	2020	2021	2022
The Group's headcount, thousand people					
PJSC Gazprom	26.7	27.1	27.3	27.6	28.2
Gas production, transportation, processing, and underground storage subsidiaries	232.9	234.9	234.1	234.1	236.9
Gazprom Neft	68.5	72.7	77.4	79.7	85.2
Gazprom energoholding	43.3	45.7	44.0	45.5	45.6
Gazprom neftekhim Salavat	15.2	14.7	14.0	14.2	14.1
Other subsidiaries and entities	79.5	78.7	80.8	78.1	82.2
Total	466.1	473.8	477.6	479.2	492.2
including by category:					
managers	14.2%	14.4%	14.2%	14.3%	14.5%
white-collar employees	32.4%	33.0%	33.4%	34.2%	34.4%
blue-collar employees	53.4%	52.6%	52.4%	51.5%	51.1%
including by age:					
under 30	14.4%	13.4%	12.6%	11.8%	11.6%
30 to 50	61.4%	62.1%	62.6%	62.6%	62.2%
50 and above	24.2%	24.5%	24.8%	25.6%	26.2%
Note. Excluding entities in which Gazprom has investments classified as joint operations.					



Reference Information

Conversion Ratios and Conventions

Conversion ratios

Unit of measurement	Equivalent
1 mcm of natural gas	6.49 boe
1 tonne of oil	7.33 boe
1 tonne of gas condensate	8.18 boe

Conventions

Sign	Meaning
x	Data unavailable
–	Not observed

Calculation of Financial Ratios

Indicator	Description
Statement of cash flows figures	
Self-financing ratio	Ratio of net cash from operating activities to capital expenditures (figures derived from the statement of cash flows)
Return ratios	
Return on operating profit (operating margin)	Ratio of operating profit to sales
Return on adjusted EBITDA	Ratio of adjusted EBITDA to sales
Return on profit for the year	Ratio of profit for the year to sales
Return on assets (ROA)	Ratio of profit for the year to the average value of assets as at the beginning and the end of the period
Return on equity (ROE)	Ratio of profit for the year attributable to owners of PJSC Gazprom to the average value of equity (excluding non-controlling interest) as at the beginning and end of the period
Liquidity ratios	
Current liquidity ratio	Ratio of current assets to current liabilities
Quick liquidity ratio	Ratio of current assets less inventories to current liabilities
Other ratios	
EV/EBITDA ratio	Ratio of enterprise value (calculated as the sum of market capitalisation and net debt) as at the end of the period to adjusted EBITDA for the period
P/E ratio	Ratio of share price as at the end of the period to earnings per share attributable to the owners of PJSC Gazprom, for the respective period
P/S ratio	Ratio of market capitalisation as at the end of the period to revenue from sales for the respective period

Glossary of Key Terms and Abbreviations

Terms and abbreviations	Description
A+B ₁ +C ₁ hydrocarbon reserves	Explored hydrocarbon reserves estimated under the Russian Classification of Reserves and Resources with high geological certainty (recovery factors for oil, gas and condensate reserves are determined based on field geology with account for existing technologies)
ADR of PJSC Gazprom	American depositary receipt issued for PJSC Gazprom shares
AO	Joint stock company
APG	Associated petroleum gas
Average daily production	A value calculated based on the number of calendar days per year
bcm	Billion cubic metres
bn	Billion
boe	Barrel of oil equivalent
CHPP	Combined heat and power plant
cm (cubic metre)	One cubic metre of natural gas at a pressure of 1 atm and a temperature of 20 °C
Conventional fuel (coal equivalent), c.e.	A unit of energy used to compare different types of fuel
Direct GHG emissions (Scope 1)	GHG emissions resulting from the business activities of the reporting organisation
Energy indirect GHG emissions (Scope 2)	* GHG emissions resulting from the consumption of electricity and heat purchased by the reporting organisation from third-party generators
EU	European Union
Far abroad countries	Foreign countries other than former Soviet Union republics
Fatal accident rate (FAR)	Fatalities / total hours worked by all employees × 100,000,000
Gazprom Group, the Group, Gazprom	An aggregate of entities which includes PJSC Gazprom (parent company) and its subsidiaries
Gcal	Gigacalorie
Gcal/h	Gigacalories per hour
GDP	Gross domestic product
GPP	Gas and/or condensate processing plant
Greenhouse gas (GHG)	Gas believed to cause the greenhouse effect
GRES	State district power station
GTS	Gas transportation system
ha	Hectare
HPP	Hydroelectric power plant
Hydrocarbon production volume	The volume of actually produced hydrocarbons, defined as the sum of the volume of actually produced hydrocarbons intended for sale and the volume of actually produced hydrocarbons consumed for own needs
IFRS	International Financial Reporting Standards
Indirect GHG emissions (Scope 3)	GHG emissions resulting from the use of products supplied by the reporting organisation as fuel or raw materials
kg	Kilogram
km	Kilometre
kWh	Kilowatt hour
Lost time injury frequency rate (LTIFR)	Lost time injuries / total hours worked by all employees × 1,000,000
LNG	Liquefied natural gas
LPG	Liquefied petroleum gas
m	Metre
mm	Million
mmcm	Million cubic metres
MW	Megawatt
NGLs	Natural gas liquids

Glossary of Key Terms and Abbreviations

Terms and abbreviations	Description
Occupational safety	Safety of Gazprom Group's fixed assets, employees as well as third parties (including their property) and the environment from negative impacts, accidents and work-related health and injury hazards. Occupational safety comprises occupational health, industrial, fire, and road safety
OOO	Limited liability company
PAO	Public joint stock company
PJSC	Public joint stock company
R&D	Research and development
RUB	Russian rouble
Sales of hydrocarbons and refined and processed products by Gazprom Group	Volumes of gas, oil, gas condensate, and refined and processed products, both produced/manufactured by Gazprom and purchased from third parties, sold to consumers in the relevant sales market, excluding intra-group sales
tonne, t	Metric tonne
TPP	Thermal power plant
UGSF	Underground gas storage facility
UGSS	Unified Gas Supply System of Russia
USD	United States (US) dollars
UWSMS	Unified Workplace Safety Management System
VAT	Value added tax

